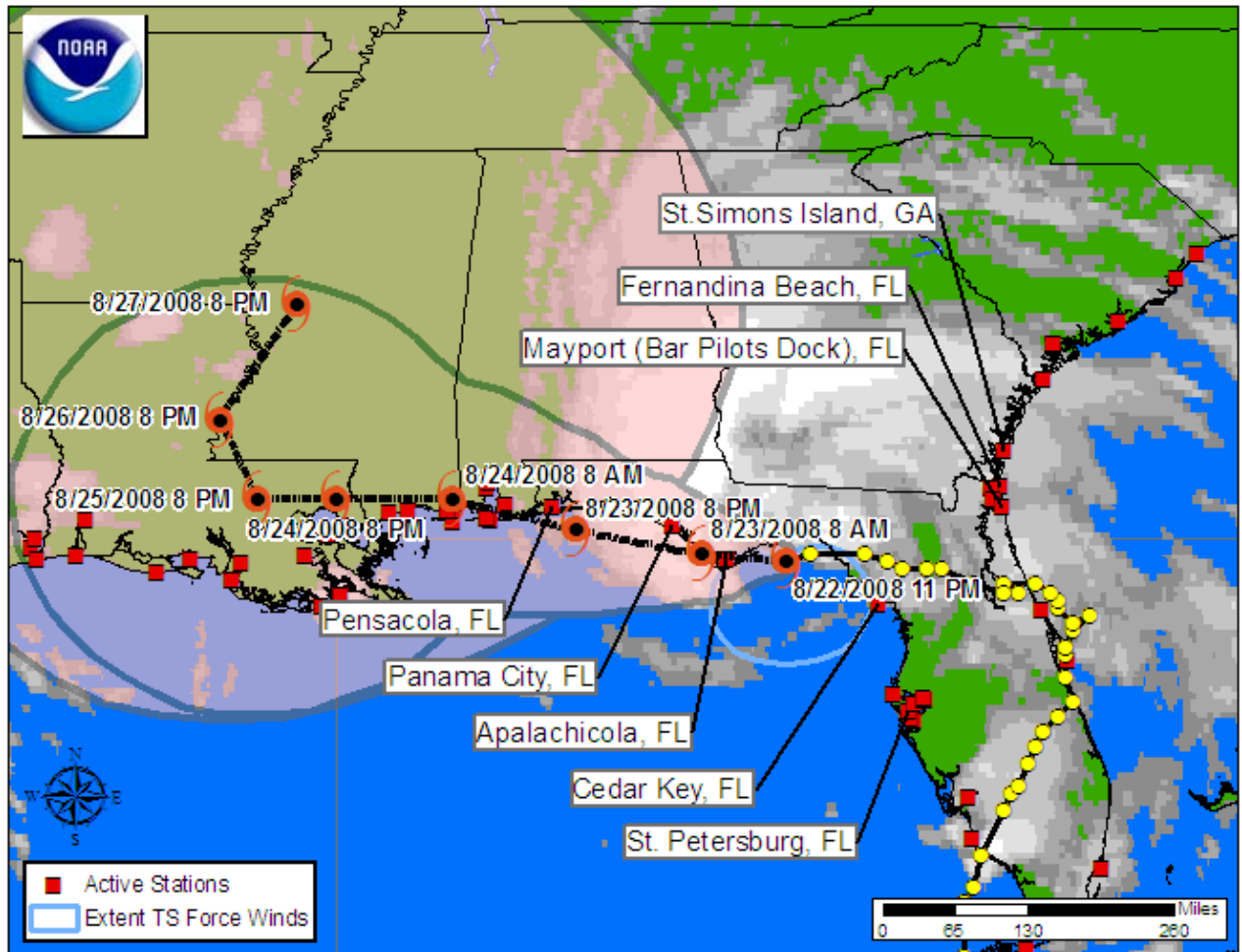




Tropical Storm FAY QuickLook
Posted: 00:00 EDT 08/23/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/23/2008 00:00 EDT, water levels from northeastern Florida to Georgia are beginning to return to normal, however they are still elevated between 0.6 to 1.1 feet above predicted. Water levels are over 1.5 feet above predictions at Cedar Key. Water levels are below predicted along the Florida panhandle. Barometric pressure is falling and wind speeds are increasing at Panama City and Apalachicola.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Cedar Key, FL: Next predicted high tide is 4.18 ft (1.27 m) at 08/23/2008 06:06 EDT.

St. Petersburg, FL: Next predicted high tide is 2.67 ft (0.81 m) at 08/23/2008 06:12 EDT.

Apalachicola, FL: Next predicted high tide is 2.00 feet (0.61 m) at 08/23/2008 07:42 EDT.

Panama City, FL: Next predicted high tide is 1.71 feet (0.52 m) at 08/23/2008 02:42 CDT.

Pensacola, FL: Next predicted high tide is 1.70 ft (0.52 m) at 08/23/2008 03:36 CDT.

St. Simons Island, GA: Next predicted high tide is 6.50 ft (1.98 m) at 08/23/2008 01:18 EDT.

Fernandina Beach, FL: Next predicted high tide is 5.91 ft (1.80 m) at 08/23/2008 01:51 EDT.

Mayport Bar Pilots, FL: Next predicted high tide is 4.52 ft (1.38 m) at 08/23/2008 01:36 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services website](#). For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM FAY ADVISORY NUMBER 30

1100 PM EDT FRI AUG 22 2008

...FAY CENTERED OVER WATER AND SLIGHTLY STRONGER...HEAVY RAINS CONTINUE OVER NORTHERN FLORIDA AND SOUTHERN GEORGIA...

AT 1100 PM EDT THE TROPICAL STORM WARNING FOR THE GULF COAST OF FLORIDA FROM ARIPEKA NORTHWARD TO SUWANEE RIVER HAS BEEN DISCONTINUED...AND THE TROPICAL STORM WATCH FROM WEST OF DESTIN TO THE MISSISSIPPI/ALABAMA BORDER HAS BEEN CHANGED TO A TROPICAL STORM WARNING. A TROPICAL STORM WARNING IS NOW IN EFFECT FOR THE NORTHEASTERN GULF COAST FROM SUWANEE RIVER FLORIDA WESTWARD TO THE MISSISSIPPI/ALABAMA BORDER. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS.

AT 1100 PM EDT...A TROPICAL STORM WATCH IS ISSUED FROM WEST OF THE MISSISSIPPI/ALABAMA BORDER TO THE MOUTH OF THE MISSISSIPPI RIVER.

AT 1100 PM EDT...THE CENTER OF TROPICAL STORM FAY WAS LOCATED ABOUT 50 MILES SOUTH OF TALLAHASSEE FLORIDA AND ABOUT 50 MILES EAST OF APALACHICOLA FLORIDA.

FAY IS MOVING TOWARD THE WEST NEAR 8 MPH AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE FOR THE NEXT COUPLE OF DAYS...TAKING FAY NEAR OR

OVER THE NORTHEASTERN GULF OF MEXICO COAST ON SATURDAY AND SUNDAY.

DATA FROM AN AIR FORCE RECONNAISSANCE AIRCRAFT AND WSR-88D VELOCITIES INDICATE THAT MAXIMUM SUSTAINED WINDS HAVE SLIGHTLY INCREASED AND ARE NOW NEAR 50 MPH WITH HIGHER GUSTS. LITTLE CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 24 HOURS...AND FAY IS FORECAST TO REMAIN A TROPICAL STORM INTO SUNDAY.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 90 MILES MAINLY TO THE SOUTH FROM THE CENTER.

THE MINIMUM CENTRAL PRESSURE RECENTLY REPORTED BY THE RECONNAISSANCE AIRCRAFT WAS 997 MB...29.44 INCHES.

STORM SURGE FLOODING OF 2 TO 4 FEET ABOVE NORMAL TIDE LEVELS IS STILL POSSIBLE ALONG THE EAST COAST OF FLORIDA AND GEORGIA TO THE NORTHEAST OF THE CENTER OF FAY. STORM SURGE FLOODING OF 2 TO 4 FEET ABOVE NORMAL TIDE LEVELS IS ALSO POSSIBLE IN THE WARNING AREA ALONG THE FLORIDA GULF COAST IN AREAS OF ONSHORE WINDS.

FAY IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 5 TO 10 INCHES ACROSS THE NORTHERN FLORIDA PENINSULA...THE FLORIDA PANHANDLE...SOUTHERN GEORGIA...SOUTHERN ALABAMA...AND SOUTHERN MISSISSIPPI...WITH ISOLATED MAXIMUM AMOUNTS OF 15 INCHES POSSIBLE. ADDITIONAL RAIN ACCUMULATIONS OF 1 TO 2 INCHES ARE POSSIBLE OVER CENTRAL AND SOUTHERN FLORIDA IN OUTER RAIN BANDS ASSOCIATED WITH FAY. ADDITIONAL RAINFALL AMOUNTS OF 1 TO 2 INCHES ARE POSSIBLE OVER COASTAL SOUTHERN SOUTH CAROLINA. ISOLATED STORM TOTAL RAINFALL AMOUNTS OF 20 TO 30 INCHES HAVE BEEN OBSERVED WITH FAY ACROSS PORTIONS OF THE EAST-CENTRAL COAST OF FLORIDA.

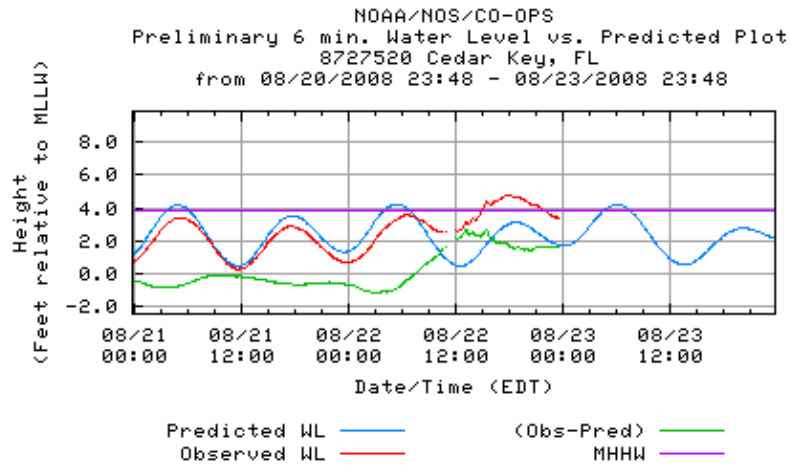
ISOLATED TORNADOES ARE POSSIBLE TONIGHT AND SATURDAY IN PORTIONS OF NORTHERN FLORIDA...SOUTHERN GEORGIA...AND SOUTHERN ALABAMA.

FORECASTER KNABB

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Cedar Key - Water Level](#), [St. Petersburg - Water Level](#), [St. Petersburg - Air/Water Temp](#), [St. Petersburg - Winds](#), [St. Petersburg - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Air/Water Temp](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Panama City - Water Level](#), [Panama City - Air/Water Temp](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Air/Water Temp](#), [Pensacola - Winds](#), [Pensacola - Barometric](#), [St.Simons Island - Water Level](#), [Fernandina Beach - Water Level](#), [Mayport \(Bar Pilots Dock\) - Water Level](#),

Cedar Key, FL - Station Map [Return to List](#)

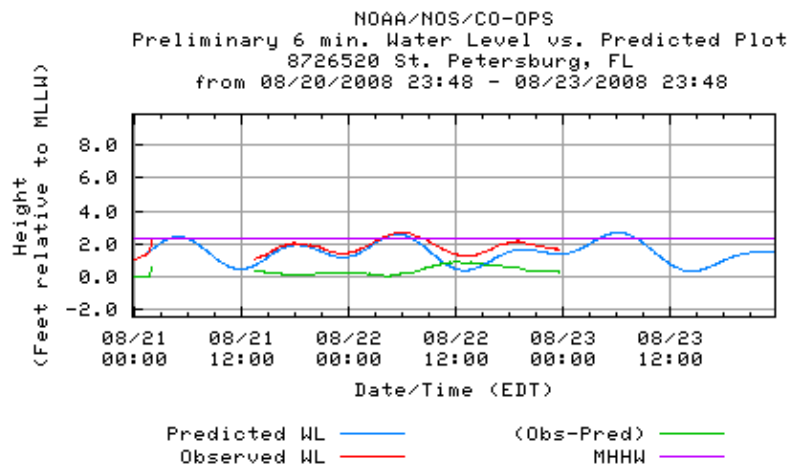


Last Observed Sample: 08/22/2008 23:36 (EDT)

Relative to **MLLW**: **Observed: 3.34 ft. Predicted: 1.73 ft. Residual: 1.61 ft.**

Historical Maximum Water Level: 10/07/1996, 5.15 ft. above **MHHW**

St. Petersburg, FL - Station Map [Return to List](#)

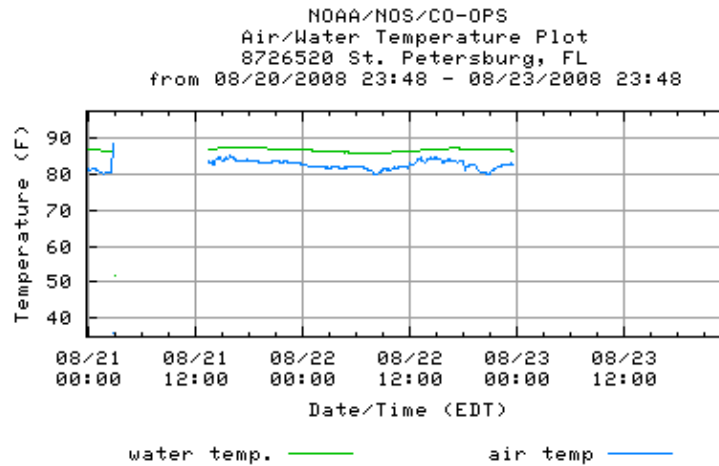


Last Observed Sample: 08/22/2008 23:36 (EDT)

Relative to **MLLW**: **Observed: 1.63 ft. Predicted: 1.36 ft. Residual: 0.27 ft.**

Historical Maximum Water Level: 08/31/1985, 4 ft. above **MHHW**

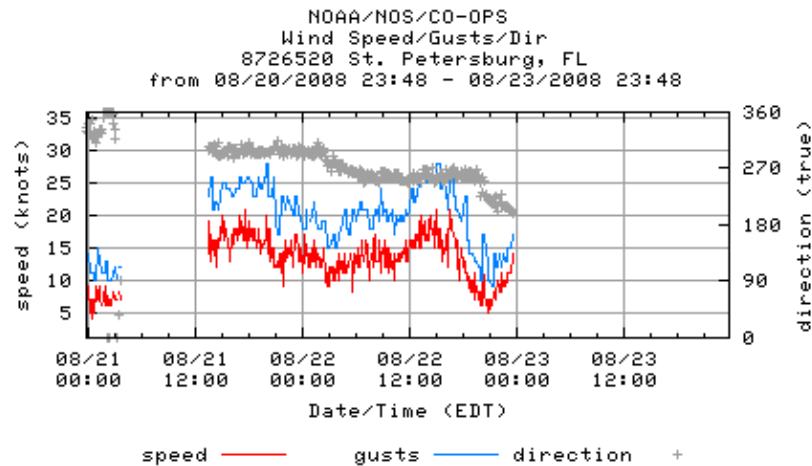
St. Petersburg, FL - Station Map [Return to List](#)



Last Observed Sample: 08/22/2008 23:36 (EDT)

Water Temperature: 86.4° F Air Temperature: 82.4° F

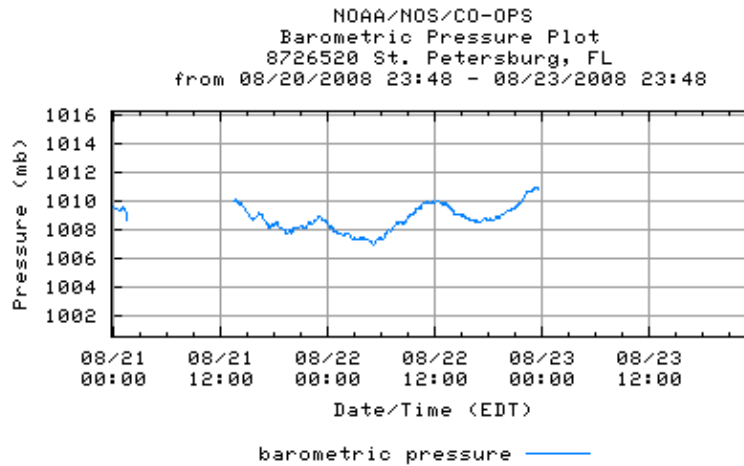
St. Petersburg, FL - Station Map [Return to List](#)



Last Observed Sample: 08/22/2008 23:36 (EDT)

Wind Speed: 13 knots Gusts: 17 knots Direction: 199° T

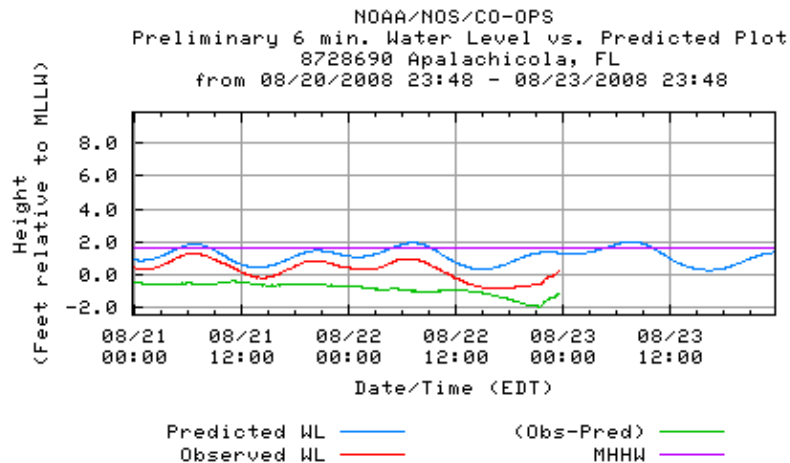
St. Petersburg, FL - Station Map [Return to List](#)



Last Observed Sample: 08/22/2008 23:36 (EDT)

Barometric Pressure: 1010.8 mb

Apalachicola, FL - Station Map [Return to List](#)

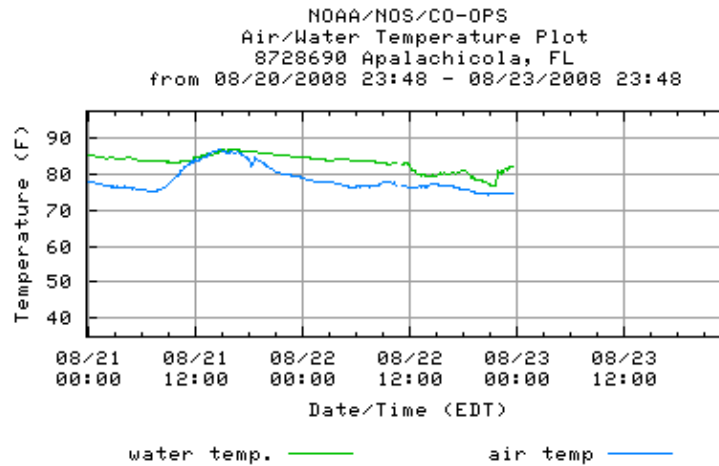


Last Observed Sample: 08/22/2008 23:30 (EDT)

Relative to **MLLW**: Observed: 0.18 ft. Predicted: 1.32 ft. Residual: -1.14 ft.

Historical Maximum Water Level: 11/21/1985, 5.69 ft. above **MHHW**

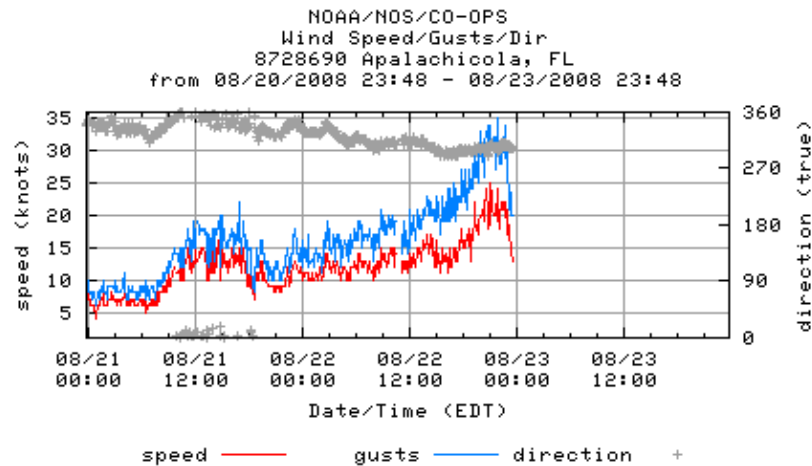
Apalachicola, FL - Station Map [Return to List](#)



Last Observed Sample: 08/22/2008 23:30 (EDT)

Water Temperature: 81.9° F Air Temperature: 74.8° F

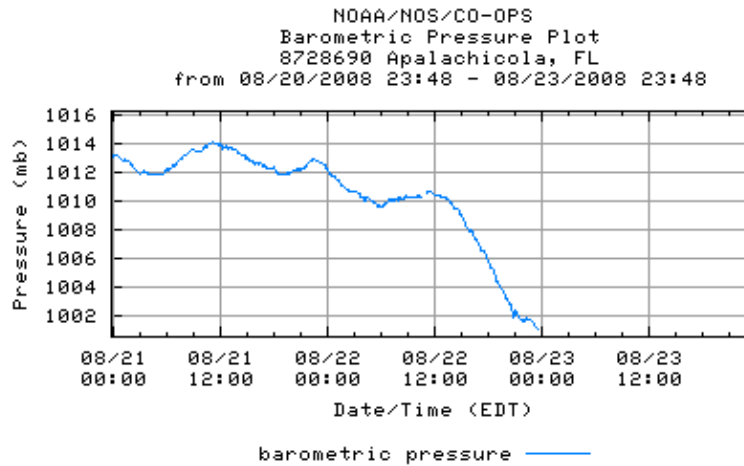
Apalachicola, FL - Station Map [Return to List](#)



Last Observed Sample: 08/22/2008 23:30 (EDT)

Wind Speed: 13 knots Gusts: 20 knots Direction: 301° T

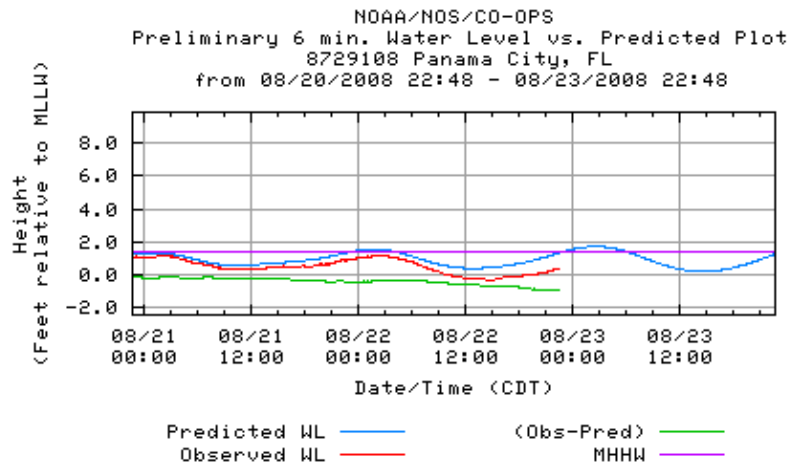
Apalachicola, FL - Station Map [Return to List](#)



Last Observed Sample: 08/22/2008 23:30 (EDT)

Barometric Pressure: 1001.1 mb

Panama City, FL - Station Map [Return to List](#)

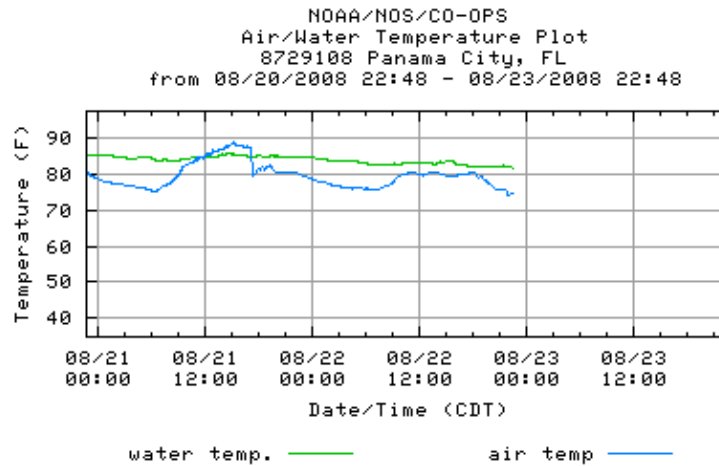


Last Observed Sample: 08/22/2008 22:30 (CDT)

Relative to **MLLW**: Observed: 0.38 ft. Predicted: 1.30 ft. Residual: -0.92 ft.

Historical Maximum Water Level: 10/04/1995, 5.72 ft. above **MHHW**

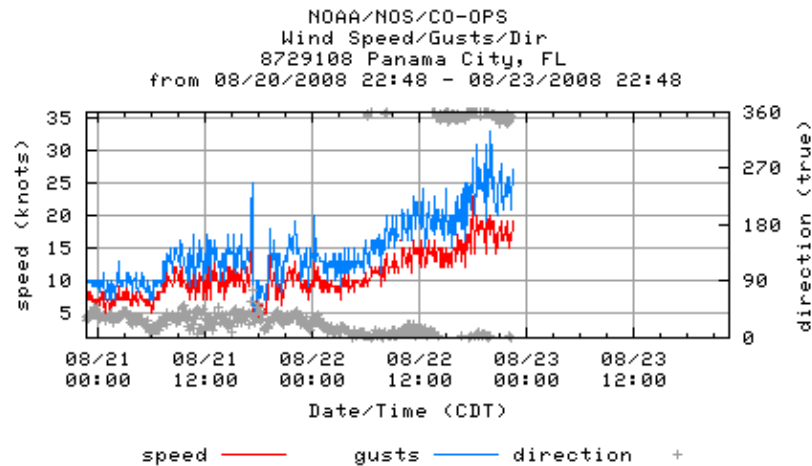
Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 08/22/2008 22:30 (CDT)

Water Temperature: 81.5° F Air Temperature: 74.3° F

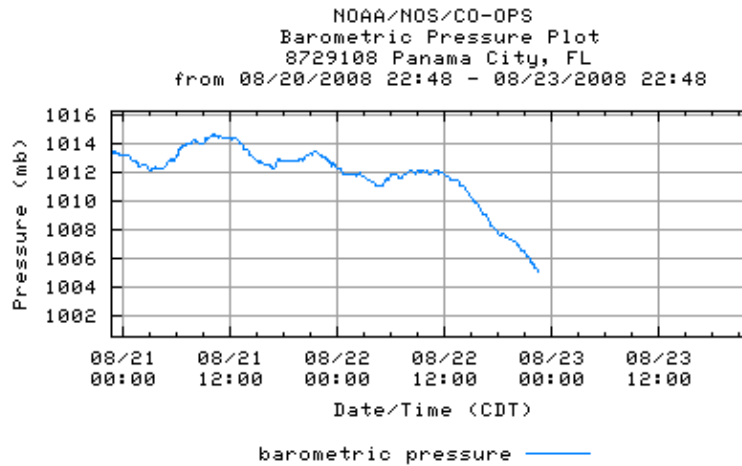
Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 08/22/2008 22:30 (CDT)

Wind Speed: 19 knots Gusts: 27 knots Direction: 352° T

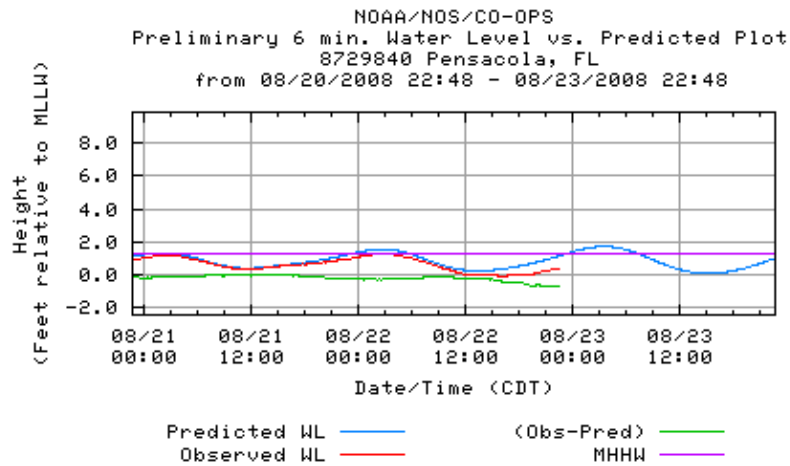
Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 08/22/2008 22:30 (CDT)

Barometric Pressure: 1005.1 mb

Pensacola, FL - Station Map [Return to List](#)

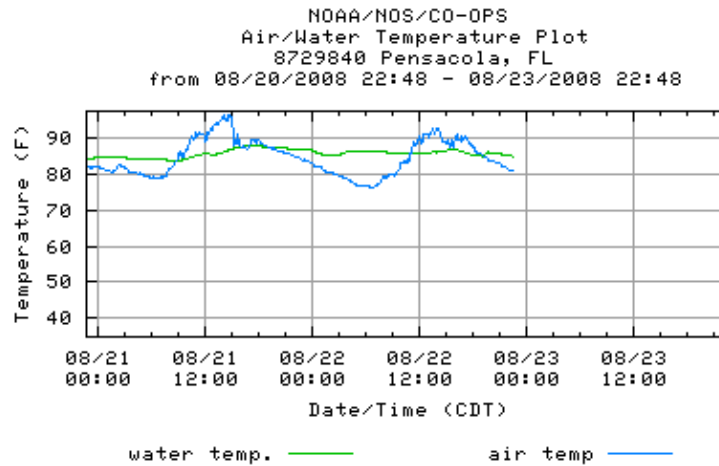


Last Observed Sample: 08/22/2008 22:30 (CDT)

Relative to **MLLW**: Observed: 0.37 ft. Predicted: 1.12 ft. Residual: -0.75 ft.

Historical Maximum Water Level: 09/18/1926, 7.41 ft. above **MHHW**

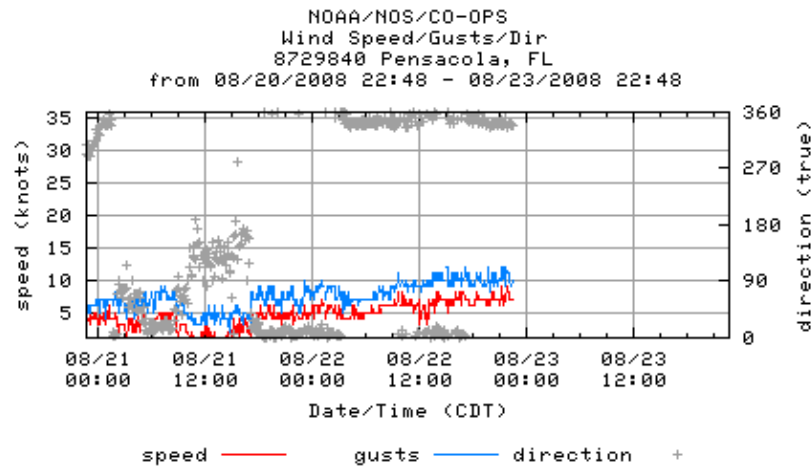
Pensacola, FL - Station Map [Return to List](#)



Last Observed Sample: 08/22/2008 22:30 (CDT)

Water Temperature: 84.7° F Air Temperature: 80.8° F

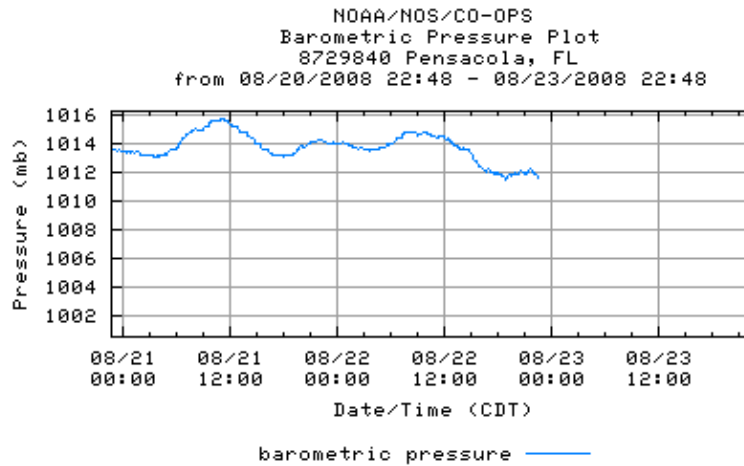
Pensacola, FL - Station Map [Return to List](#)



Last Observed Sample: 08/22/2008 22:30 (CDT)

Wind Speed: 7 knots Gusts: 10 knots Direction: 338° T

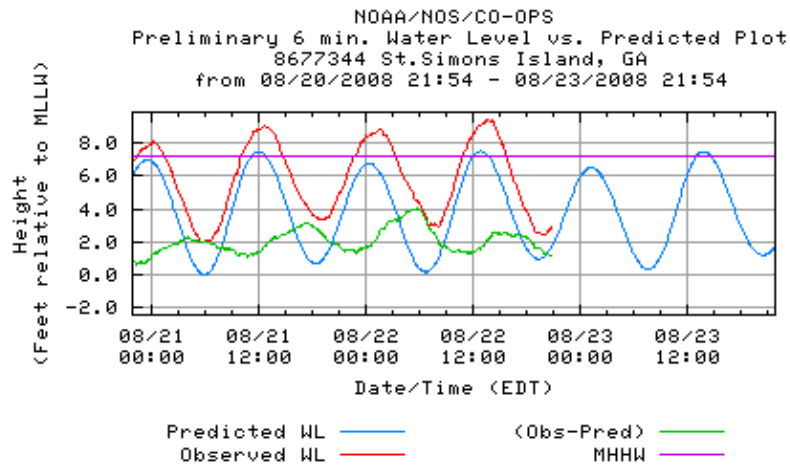
Pensacola, FL - Station Map [Return to List](#)



Last Observed Sample: 08/22/2008 22:30 (CDT)

Barometric Pressure: 1011.6 mb

St.Simons Island, GA - Station Map [Return to List](#)

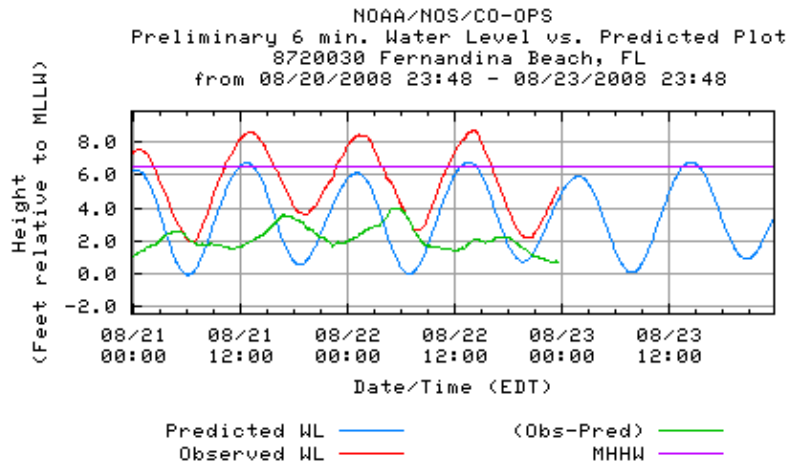


Last Observed Sample: 08/22/2008 20:54 (EDT)

Relative to **MLLW**: **Observed: 2.90 ft.** **Predicted: 1.73 ft.** **Residual: 1.17 ft.**

Historical Maximum Water Level: 07/22/2001, 2.41 ft. above **MHHW**

Fernandina Beach, FL - Station Map [Return to List](#)

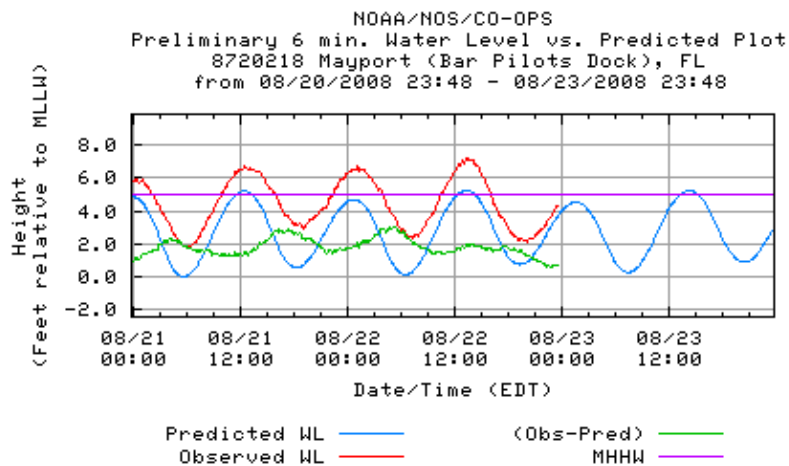


Last Observed Sample: 08/22/2008 23:36 (EDT)

Relative to **MLLW**: **Observed: 5.20 ft. Predicted: 4.47 ft. Residual: 0.73 ft.**

Historical Maximum Water Level: 10/02/1898, 6.94 ft. above **MHHW**

Mayport (Bar Pilots Dock), FL - Station Map [Return to List](#)



Last Observed Sample: 08/22/2008 23:30 (EDT)

Relative to **MLLW**: **Observed: 4.34 ft. Predicted: 3.63 ft. Residual: 0.71 ft.**

Historical Maximum Water Level: 09/17/2001, 2.15 ft. above **MHHW**

Tropical Storm FAY QuickLook, POSTED 00:00 EDT 08/23/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce